

2005 PATRICK LAKE SNAPSHOT



An aquatic plant survey was conducted on Patrick Lake in 2005, after chemical treatment for Eurasian watermilfoil (*Myriophyllum spicatum*) had been performed in 2004.

78% of the lake was vegetated. There were 15 native species found: 3 rooted floating-leaf species, 3 emergents, and 11 submergents. The dominant aquatic plant was *Najas guadelupensis* (southern naiad).

Two invasive species were found: Reed Canarygrass (*Phalaris arundinacea*) and Curly-Leaf Pondweed (*Potamogeton crispus*). No Eurasian watermilfoil was found in the 2005 survey.

Regular water testing continued. Average summer water clarity in 2005 was up to 11.9 feet, in the “very good” category.

Average summer water temperature was 80.1 degrees Fahrenheit. During 2005, Adams County was experiencing a drought with high temperatures and little wind.

The average summer total phosphorus level was 20.3 micrograms/liter (good).

Average summer chlorophyll-a level was 3.8 micrograms/liter (very good).

Overall, the aquatic plant community of Patrick Lake in 2005 was of high quality with good diversity. It ranked in the top ¼ of Wisconsin’s lakes.

However, the report on this survey noted that water clarity had decreased since the 1980s.